

PLEASE AMEND THIS APPLICATION AS FOLLOWS:

In The Claims:

Add new claims 75-90 as follows:

75. (NEW) A packaging cell line for propagating a viral vector independent of a helper virus, said viral vector comprising a nucleic acid component and at least two different non-nucleic components, wherein one of said non-nucleic acid components has a tropism for said cell line and the other non-nucleic acid component has a tropism for a target cell which is different from said cell line, said nucleic acid component and said non-nucleic acid components being capable of forming a specific complex or complexes, wherein said sequence or sequences for the viral vector nucleic acid component is stably integrated in the genome of said cell line, and said sequence or sequences for the non-nucleic acid components of said viral vector are introduced into said packaging cell line by transient expression, episomal expression or stably integrated expression.

76. (NEW) The packaging cell line of claim 75, wherein said viral vector comprises a retrovirus or retroviral sequences.

77. (NEW) The packaging cell line of claim 75, wherein said viral vector nucleic acid component comprise nucleic acid sequences derived from genomic DNA, cDNA, or fragments of either or both of the foregoing.

78. (NEW) The packaging cell line of claim 75, wherein said packaging cell line and said target cell are from different species.

79. (NEW) The packaging cell line of claim 78, wherein said packaging cell line is a non-human animal species and said target cell is human.

E 80. (NEW) The packaging cell line of claim 79, wherein said non-human animal species is murine.

81. (NEW) The packaging cell line of claim 75, wherein said target cell is selected from the group consisting of T cells, liver cells, bone marrow cells, epithelial cells, and a combination of any of the foregoing.

82. (NEW) The packaging cell line of claim 75, wherein the viral vector produced from said packaging cell line codes for a protein of interest that is expressed in said target cell.

83. (NEW) The packaging cell line of claim 75, wherein the viral vector produced from said packaging cell line codes for an antisense RNA that is transcribed in said target cell.

84. (NEW) The packaging cell line of claim 75, wherein the viral vector produced from said packaging cell line codes for a protein of interest that is expressed in said target cell and for an antisense RNA that is transcribed in said target cell.

85. (NEW) The packaging cell line of any of claims 83 or 84, wherein said antisense RNA is complementary to an mRNA coding for a undesirable protein in said target cell.

86. (NEW) The packaging cell line of any of claims 83, 84 or 85, wherein said antisense RNA is part of a chimeric RNA molecule that comprises sequences from small nuclear RNAs (snRNAs).

87. (NEW) The packaging cell line of any of claim 86, wherein said snRNAs are selected from the group consisting of U1, U2, U3, U4, U5, U6, U7, U8, U9, U10 and U11.

88. (NEW) The packaging cell line of claim 75, wherein said nucleic acid component comprises sequences derived from a virus that is native to said cell line.

89. (NEW) The packaging cell line of claim 75, wherein said nucleic acid component comprises sequences derived from a virus that is native to said target cell.

90. (NEW) The packaging cell line of claim 75, wherein said nucleic acid component comprises sequences derived from a virus that is native to said cell line and sequences derived from a different virus that is native to said target cell.

Cancel claims 68-74.

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